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	Application Number	10/550,406
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	First Named Inventor	Christine E. Krohn
	Group Art Unit	3663
MADEMAN	Examiner Name	Deandra M. Hughes
Total number of pages in this submission	Attorney Docket Number	2003UR016

ENCLOSURES (check all that apply)						
	Fee Transmittal Form		Drawing(s)		After Allowance Communication to Group	
	Fee Attached		Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences	
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	After Final		Petition to convert a Provisional Application		Proprietary Information	
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT						
Firm	J. Paul Plummer, Reg. No. 40,775					
<i>or</i> Individual Name	ExxonMobil Upstream Research Company					
Signature	V. Paul Plummer					
Date	April 5, 2007					

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/550,406

Confirmation No.: 2261

Applicant

Christine E. Krohn

Filed

September 21, 2005

TC/Art Unit

3663

Examiner

Deandra M. Hughes

Docket No.

2003UR016

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

## **RESPONSE TO FIRST OFFICE ACTION**

Sir:

This communication is in response to the Office Action mailed Dec. 19, 2006 concerning the above identified patent application.

Remarks begin on page 2 of this paper;

Amendments to the Specification begins on page 3 of this paper;

Amendments to the Claims begins on page 4 of this paper;

Conclusion begins on page 11 of this paper.